

East County Water Control District

**Preliminary Design of Three Water Quality Projects, \$145,000** - The project will provide for additional water quality treatment and increase storage volume during storm events. The project involves three components aimed at achieving the project objectives: 1) the preliminary engineering to modify stormwater flows to Hendry Canal Hydraulic Connection; 2) conduct a topographic survey for Greenbriar Swamp Restoration; and 3) the preliminary design for the modification of the S-YT-1 water control structure. Each of these projects are consistent with the Lehigh Headwaters Initiative Study developed with fiscal and technical support from the South Florida Water Management District.

East County Water Control District

**Harns Marsh Sediment Removal, \$100,000** - This project capitalizes on current drought conditions that have allowed the East County Water Control District to gain access to the Harns Marsh to remove sedimentation and undesired vegetation. Completion of the project will improve water quality and enhance water storage. The funds will be used to complete the sediment removal and install native wetland vegetation.

Lee County Kickapoo Creek

**Kickapoo Creek Stormwater System Analysis, \$135,000** - The project proposes to conduct a study to determine the feasibility of enhancing the existing stormwater system at the Lee County Civic Center. The study will evaluate improvements to the existing stormwater ponds to increase filtration and detention time of stormwater.

City of Sanibel

**Sewer System Expansion, Phase IV, \$120,000** - This project involves the design of the sanitary sewer system expansion covering six areas of Sanibel Island on San Carlos Bay, the Gulf of Mexico and the Sanibel River. The project will complete an important intermediate phase to eliminate sewage from septic systems as a source of nutrients and harmful bacteria from surrounding waters. Funds will be used to initiate the design work necessary to implement the project.

City of Sanibel

**Sewer System Infiltration/Inflow Improvements, \$40,000** - The project entails planned improvements to the City of Sanibel sewer system to correct infiltration and inflow problems to reduce leakage of nutrients and harmful bacteria into surrounding waters. The problems involve the occurrence of groundwater or stormwater entering municipal wastewater systems through cracked or leaking lines. This additional volume of water increases the volume of water that must be collected and treated by municipal wastewater facilities. Funds will be used to initiate repairs to the system.

City of Sanibel

**Bayous Collection System Evaluation, \$35,000** - The project involves conducting an evaluation of an existing failing wastewater treatment facility prior to the City of Sanibel's acceptance of the system. Sanibel Bayous Utilities operates the system that is in need of repair. The evaluation will serve to determine if the system needs to be retrofitted or connected to the regional wastewater collection/transmission system.

Town of Fort Myers Beach

**Fort Myers Beach Stormwater Management Study, \$60,000** - The project will implement the first of a two phase comprehensive stormwater management plan for Estero Island. The initial phase will identify and map existing infrastructure, assess water storage and treatment alternatives, and develop an island-wide stormwater management strategy.

City of Fort Myers

**Ford Canal Filter Marsh, \$30,000** - The project will create a filter marsh to improve the overall quality of stormwater discharging into Billy Creek. The filter marsh will work collectively with other individual treatment areas along Billy Creek and its tributaries.

City of Fort Myers

**Manuel's Branch Canal Silt Reduction Structure, \$15,000** - The project will install siltation structures within the existing walled outfall section located immediately upstream of the Caloosahatchee River. The facility will reduce silt associated with stream bank scour, erosion, and degradation via reduced stream/outfall velocities within the immediate upstream reach of the waterway.

Charlotte Harbor National Estuary Program

**Water Quality Spatial Summaries and Web Site, \$11,000** - This project will expand an existing program that compiles and develops water quality data for the Charlotte Harbor Estuary to include the Lower Charlotte Harbor area. The Charlotte Harbor National Estuary Program, through funding provided by the Southwest Florida Water Management District, currently develops and maps water quality data for Upper Charlotte Harbor. Monthly data and spatial maps for 11 samples will be developed and made available to the public via the Web site.

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